



Technical Characteristic KAI/KOS

ODU
16.07.05(7/0)

Model "Stoneline"

Internal code: 9822;9804;9824;9825;9821;9823

Type: Rectified Porcelain Tiles GL

Group BIa, Nominal size 600x600 mm

Characteristics Group BIa, Annex G	Tolerance EN 14411:2016, %	Tolerance EN14411:2016, mm	Request values		Measured in KAI laboratory	Testing method
			Caliber	Size		
1. Length/width, mm	±0.6/max±2mm	±2.00	R	595 x 595		EN ISO 10545-2
2. Thickness, mm	±5/max±0.5mm	±0.50	9.0 ± 0.45 mm	9.0 – 9.2 mm		EN ISO 10545-2
3. Straightness of sides ,mm	±0.5/max±1.5mm	±1.50	±1.20 mm	-0.32 – +0.36 mm		EN ISO 10545-2
4. Rectangularity, mm	±0.5/max±2mm	±2.00	±1.10 mm	-0.31 – +0.37 mm		EN ISO 10545-2
5. Centre curvature, mm	±0.5/max±2mm	±2.00	±1.50 mm	+0.11 – +1.07 mm		EN ISO 10545-2
6. Edge curvature, mm	±0.5/max±2mm	±2.00	±1.20 mm	+0.07 – +0.90mm		EN ISO 10545-2
7. Warpage, mm	±0.5/max±2mm	±2.00	±1.50 mm	-0.33 – +0.83 mm		EN ISO 10545-2
8. Surface quality	≥95% without defects	≥95% without defects	≥98% without defects	Pass		EN ISO 10545-2
9. Water absorption, %	≤0,5% Individual ≤0,6%	≤0,5% Individual ≤0,6%	≤0,5%	0.03 – 0.08 %		EN ISO 10545-3
10. Modulus of rupture, N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ² individual≥32N/mm ²	≥35N/mm ²	Average: 62 N/mm ²		EN ISO 10545-4
11. Breaking strength, N	≥1300	≥1300	≥1300	Average: 2556 N		EN ISO 10545-4
12. Determination of surface abrasion for glazed tiles	the class of abrasive resistance and the number of cycles are declared by producer	the class of abrasive resistance and the number of cycles are declared by producer	Declared value	9822 – 4/ 2100 9804 – 2/ 600 9824 – 3/ 750 9825 – 2/ 600 9821 – 4/ 12000 9823 – 4/ 2100		EN ISO 10545-7
13. Craze resistance, glazed tiles	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant		EN ISO 10545-11
14. Resistance for household chemicals and swimming pool salts	Min class B	Min class B	Min class A	GA		EN ISO 10545-13
15. Resistance to the low concentration acids and alkalis	Declared value	Declared value	Declared value	GLA		EN ISO 10545-13
16. Resistance to the	Declared value	Declared value		GHA		EN ISO 10545-13

high concentration acids and alkalis			Declared value		
17. Stain resistance	Min class 3	Min class 3	Min class 5	class 5	EN ISO 10545-14
18. Frost resistance	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Pass according to EN ISO 10545-1	Resistant	EN ISO 10545-12
19. Slipperiness	Declared value	Declared value	Declared value	PTV 36+ Dry PTV 36+ Wet	BS 7976
20. Slipperiness	Declared value	Declared value	Declared value	R9	DIN 51130
21. MOHS	Declared value	Declared value	Declared value	8	EN 101:1991

Date: 23.12.2022

